YNK-DBR No.....
Date.....

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

ಸ.ಕಾ.ಅ / ಯ.ಉ.ವಿ.
ಎಸ್.ಬಿ.ಆರ್. ಸಂಖ್ಯೆ: 013
ದಿನಾಂಕ: 8/7/2024

No. First & Final Bill
Division: EE (Yelahanka Division – Yelahanka Zone)
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Date:
Sub-Division: Yelahanka Sub Division
Scheduled Docket No.

Name of Work (as per sanctioned estimate): Drilling of Borewells and Providing Pump, Motor and Electrification Works to 110 Village Areas in Ward No-01 and Ward No-03 of Yelahanka Division.

Reference to Agreement No: BBMP/EE/YNK.D/KPPP/AG/82/2023-24, Date: 14-03-2024
Work order No: BBMP/EE/YNK.D/KPPP-10/W.O/65/2023-24, Date: 14-03-2024
Job Code: 001-24-000013
Budget head: 15th Finance P3803
Est. cost: 80.00 lakhs

Name of Contractor and Full Address: Sri. Shadyan (Sadian) (Ganesh Engineering Works)

Certified that the measurements were taken by me on 03/07/2024 and recorded of Pages 494284 to 291 of measurement Book No: 4943 and that the work is satisfactorily executed.

SHADAYAN
Contractor

Officer-in-charge of work

Certified that the measurements were verified by me on 04/07/2024 and found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Ramesanjeevi
Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account with in
2) Deduct amount to be held in reserve being.....percent Rs.....
3) " Balance
4) Deduct Payments :
   a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Gross Amt	=Rs	7955000=00
FSD	=Rs	—
CGST	= Rs	66236=00
SGST	= Rs	66236=00
IT	= Rs	79550=00
LC	= Rs	79550=00
CBF	= Rs	7955=00
Royalty	=Rs	33885=00
T.D.		
Net Amt	=Rs	7621588=00

SHADAYAN
Contractor's Signature

Received Rs.....
..... (In words)
By Cash and by adjustment of Payment as per memorandum
Witnesses:

(For use in the Office)

1.
2.

Dated.....Signature of Contractor SHADAYAN

Stamp

Audited & Admitted for Rs. 7955000=00
7621588=00 by Cheque
and Rs. 333412=00 by adjusement

Paid by me by cheque
No.....Dated.....
Cash Rs.....Dated.....

Initials of Officer making payment

Executive Engineer

Accts. Supdt.
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
1	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. etc. complete as per the Directions of Egineer In-Charge.	Each	7.00			7.00	5816.80	40717.60	7.00	40717.60	
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) as per the Directions of Egineer In-Charge.a) 0.00 to 50.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	407.00	142450.00	350.00	142450.00	
3	b) 50.00 to 100.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	510.40	178640.00	350.00	178640.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
4	c) 100.00 to 150.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	542.30	189805.00	350.00	189805.00	
5	d) 150.00 to 200.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	629.20	220220.00	350.00	220220.00	
6	e) 200.00 to 250.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	738.10	258335.00	350.00	258335.00	
7	f) 250.00 to 300.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			350.00	814.00	284900.00	350.00	284900.00	
8	g)300.00 to 350.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	350.00			329.00	954.80	314129.20	329.00	314129.20	
9	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty as per the Directions of Egineer In-Charge.	Rmtr	350.00			349.00	2126.30	742078.70	349.00	742078.70	
10	PVC Pipes of 10 kg/cm2 for 200mm	Mtr	70.00			68.50	1270.50	87029.25	68.50	87029.25	
11	Providing and laying at site of work MS casing caps as per IS 239 (part-II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge	Each	7.00			7.00	180.40	1262.80	7.00	1262.80	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
12	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 15.0 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00" as per the Directions of Egineer In-Charge.	Each	7.00			7.00	76278.40	533948.80	7.00	533948.80	
13	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) 50mm	Each	350.00			347.00	3355.00	1164185.00	347.00	1164185.00	
14	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	7.00			7.00	293.70	2055.90	7.00	2055.90	
15	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI collar:	Each	350.00			347.00	293.70	101913.90	347.00	101913.90	
16	Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI hexagonal nipple	Each	21.00			21.00	234.30	4920.30	21.00	4920.30	
17	Supply and delivery at site wrought middle steel (galvanized) GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for: For 50 mm dia GI elbow	Each	21.00			21.00	293.70	6167.70	21.00	6167.70	
18	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm as per the Directions of Egineer In-Charge.	Mtr	4200.00			4200.00	245.00	1029000.00	4200.00	1029000.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
19	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	7.00			7.00	7150.00	50050.00	7.00	50050.00	
20	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	7.00			7.00	1595.00	11165.00	7.00	11165.00	
21	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4 Core, (11 GI Strips - 4 x 0.8 mm)	Km	0.32			0.32	141842.00	44680.23	0.32	44680.23	
22	LABOUR for Aerial Bunched Conductor & Accessories Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x16) (Street Light Control)	Km	0.32			0.32	33109.00	10429.34	0.32	10429.34	
23	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia as per the Directions of Egineer In-Charge.	Job	7.00			7.00	4125.00	28875.00	7.00	28875.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
24	Providing and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. with necessary materials and labour tools and equipments as per instructions of engineer incharge of work. 3½x6 Sqm	Each	7.00			7.00	412.50	2887.50	7.00	2887.50	
25	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" as per the Directions of Egineer In-Charge.	Nos	7.00			7.00	326.13	2282.91	7.00	2282.91	
26	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, Above 12.5 HP upto 25 HP as per the Directions of Egineer In-Charge.	Nos	7.00			7.00	8764.00	61348.00	7.00	61348.00	
27	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	7.00			7.00	1375.00	9625.00	7.00	9625.00	
28	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	7.00			7.00	1375.00	9625.00	7.00	9625.00	
29	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box.	Per Pole	7.00			7.00	1265.00	8855.00	7.00	8855.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
30	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. In all kinds of soils. Depth upto 1.50m as per the Directions of Egineer In-Charge.	Cum	444.15			444.15	532.40	236465.46	444.15	236465.46	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
31	Providing PVC ringtite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 50mm dia., 6 kg/sqcm & class 5 as per the Directions of Egineer In-Charge.	Mtr	1316.00			1316.00	13.90	18292.40	1316.00	18292.40	
32	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications as per the Directions of Egineer In-Charge.	Cum	236.88			236.88	176.00	41690.88	236.88	41690.88	
33	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per the Directions of Egineer In-Charge.	Cum	177.66			177.66	2814.90	500095.13	177.66	500095.13	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
34	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	23.69			23.69	12049.40	285426.19	23.69	285426.19	
	Sub Total Amount							**6623552.00**		**6623552.00**	
	Add 18.0% towards GST Charges							**1192239.00**		**1192239.00**	
	Total Amount							**7815791.00**		**7815791.00**	
	Bescom charges						140000.00	**150710.00**	140000.00	**150710.00**	
	Grand Total Amount						7955791.00	**7966501.00**	7955791.00	**7966501.00**	

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

Assisstant Engineer
Ward No.01
BBMP

Assisstant Executive Engineer
Yelahanak Sub Division
BBMP

[redacted]

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